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## UTILITY PATENT APPLICATION **TRANSMITTAL**

Attorney Docket No. 1341.1030/JDH First Named Inventor or Application Identifier: Ryota AKIYAMA, et al.

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Express Mail Label No.

|  | APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.  | ADDRESS TO:                               | Assistant Commissioner for Patents Box Patent Application Washington, DC 20231 |  |  |  |  |
|--|--|---|--|--|--|--|--|
| 1. [X]   | Fee Transmittal Form   |   | A  |  |  |  |  |
| 2. [X]   | Specification, Claims & Abstract [ Total Pages: 37 ]   | 1   | S. 9   |  |  |  |  |
| 3. [X]   | Drawing(s) (35 USC 113) [Total Sheets: 6]  |   | 2  |  |  |  |  |
| 4. [X]   | Oath or Declaration  |   | •  |  |  |  |  |
| 5. [ ]   | Incorporation by Reference (usable if Box 4b is checked)  The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under  Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein. |   |  |  |  |  |  |
| 6. []  | Microfiche Computer Program (Appendix)   |   |  |  |  |  |  |
| 7. [ ]   | Nucleotide and/or Amino Acid Sequence Submission (if applia. [ ] Computer Readable Copy b. [ ] Paper Copy (identical to computer copy) c. [ ] Statement verifying identity of above copies   | licable, all necessar                     | y)   |  |  |  |  |
|  | ACCOMPANYING AP  | PLICATION PAI                             | राड  |  |  |  |  |
| 8. [X]   | Assignment Papers (cover sheet & document(s))  |   |  |  |  |  |  |
| 9. []  | 37 CFR 3.73(b) Statement (when there is an assignee)   | [ ] Power of Attorr                       | ney  |  |  |  |  |
| 10. [ ]  | English Translation Document (if applicable)   |   |  |  |  |  |  |
| 11. [ ]  | Information Disclosure Statement (IDS)/PTO-1449[X] Copie   | es of IDS Citations                       |  |  |  |  |  |
| 12. [ ]  | Preliminary Amendment  |   |  |  |  |  |  |
| 13. <b>[X]</b>   | Return Receipt Postcard (MPEP 503) (Should be specifically   | y itemized)                               |  |  |  |  |  |
| 14. [ ]  | Small Entity Statement(s) [ ] Statement filed in prior ap  | plication, status still                   | proper and desired.  |  |  |  |  |
| 15. [X]  | Certified Copy of Priority Document(s) (if foreign priority is cl  | laimed)                                   |  |  |  |  |  |
| 16. [ ]  | Other:   |   |  |  |  |  |  |
| 17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  [ ] Continuation [ ] Divisional [ ] Continuation-in-part (CIP) of prior application No:/ |  |   |  |  |  |  |  |
| 18. CC   | RRESPONDENCE ADDRESS   |   |  |  |  |  |  |
| Att<br>70  |  | elephone: (202) 43<br>acsimile: (202) 434 |  |  |  |  |  |

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## NEW APPLICATION FEE TRANSMITTAL Attorney Docket No. 1341.1030/JDH Application Number Unassigned Filing Date September 24, 1999 AMOUNT ENCLOSED \$ 1,790.00 First Named Inventor Ryota AKIYAMA, et al.

FEE CALCULATION (fees effective 10/01/97)

| FEE CALCOLATION (lees ellective 10/01/97) |  |             |              |                               |              |        |             |
|---|--|-------------|--------------|-------------------------------|--------------|--------|-------------|
| CLAIMS                                    | (1) FOR  | (2) NUMBE   | R FILED      | (3) NUMBER EXTRA              | (4) RATE     | (5) CA | ALCULATIONS |
|   | TOTAL CLAIMS   | 23          | - 20 =       | 3                             | X \$ 18.00 = | \$     | 54.00       |
|   | INDEPENDENT CLAIMS   | 15          | - 3=         | 12                            | X \$ 78.00 = |        | 936.00      |
|   | MULTIPLE DEPENDENT (   | CLAIMS (any | number; if a | applicable) + \$270.00 =      |              |        | 0.00        |
|   |  |             |              | BASIC FILING FEE              |              |        | 760.00      |
|   |  |             |              | Total of above Calculations = |              |        | 1,750.00    |
|   | Surcharge for late filing fee, Statement or Power of Attorney (\$130.00)         |             |              |                               | +            | 0.00   |             |
|   | Reduction by 50% for filing by small entity (37 CFR 1.9, 1.27 & 1.28).           |             |              |                               |              | 0.00   |             |
|   |  |             |              | TOTAL                         | FILING FEE = | \$     | 1,750.00    |
|   | Surcharge for filing non-English language application (\$130.00; 37 CFR 1.52(d)) |             |              |                               | +            | 0.00   |             |
|   | Recordation of Assignment (\$40.00; 37 CFR 1.21(h)(1))                           |             |              |                               | +            | 40.00  |             |
|   |  |             |              | TOTAL                         | . FEES DUE = | \$     | 1,790.00    |

## **METHOD OF PAYMENT**

- [X] Check enclosed as payment.
- [] Charge "TOTAL FEES DUE" to the Deposit Account No., below.
- No payment is enclosed and no charges to the Deposit Account are authorized at this time.

## **GENERAL AUTHORIZATION**

[X] If the above-noted "AMOUNT ENCLOSED" is not correct, the Commissioner is hereby authorized to credit any overpayment or charge any additional fees necessary to:

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19-3935

Deposit Account Name

STAAS & HALSEY

[X] The Commissioner is also authorized to credit any overpayments or charge any additional fees required under 37 CFR 1.16 (filing fees) or 37 CFR 1.17 (processing fees) during the prosecution of this application, including any related application(s) claiming benefit hereof pursuant to 35 USC § 120 (e.g., continuations/divisionals/CIPs under 37 CFR 1.53(b) and/or continuations/divisionals/CPAs under 37 CFR 1.53(b)) to maintain pendency hereof or of any such related application.

SUBMITTED BY: STAAS & HALSEY

| Typed Name | James D/Halsey, Jr. | Reg. No. | 22,729             |
|------------|---------------------|----------|--------------------|
| Signature  |                     | Date     | September 24, 1999 |

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